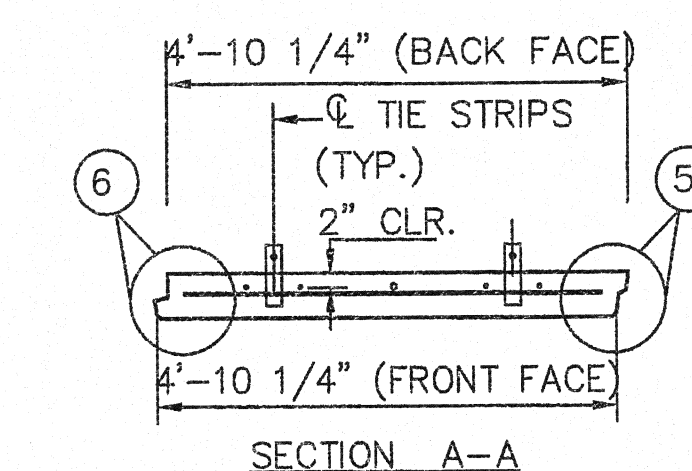
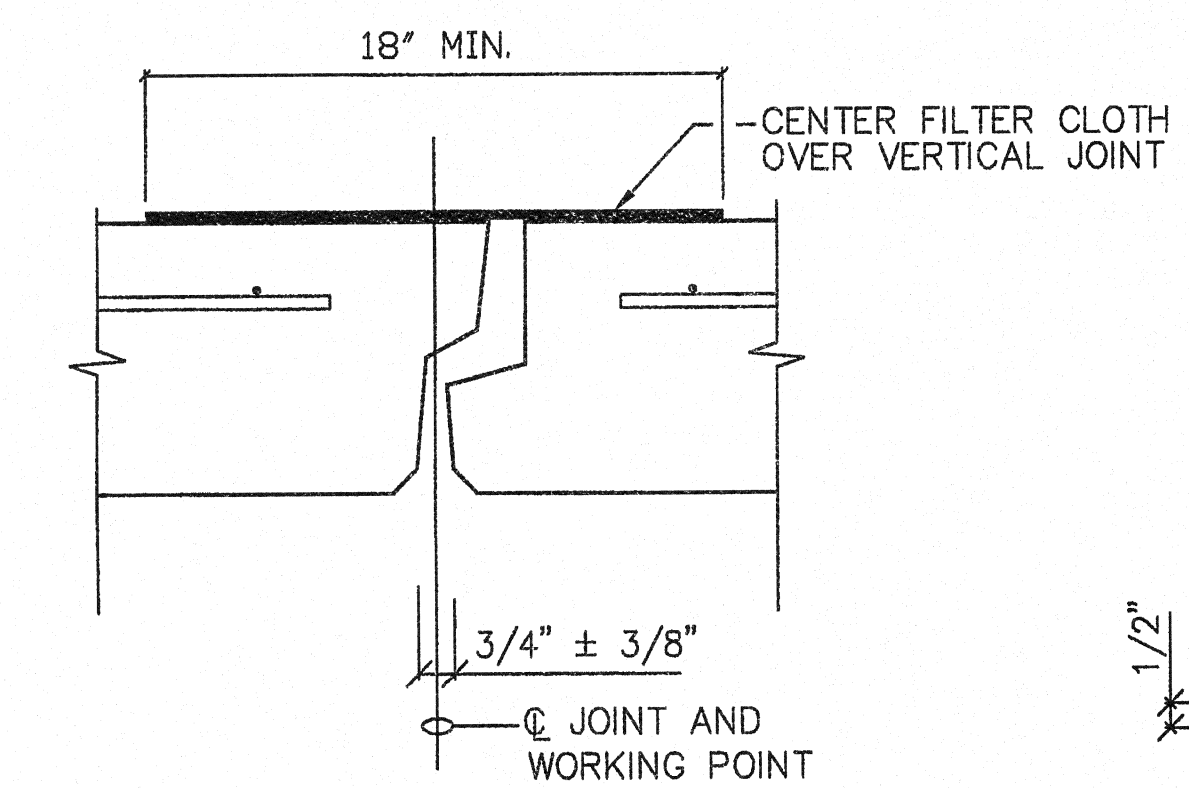


PANEL TYPE	"h"
A & H	4'-10 1/4"
B & D	2'-4 3/4"
C	1'-9 1/2"
E	3'-0 1/4"
F & Q	3'-7 1/2"
G	4'-3"
K	5'-5 3/4"
L & P	6'-1"
M	6'-8 1/2"
N	7'-4"

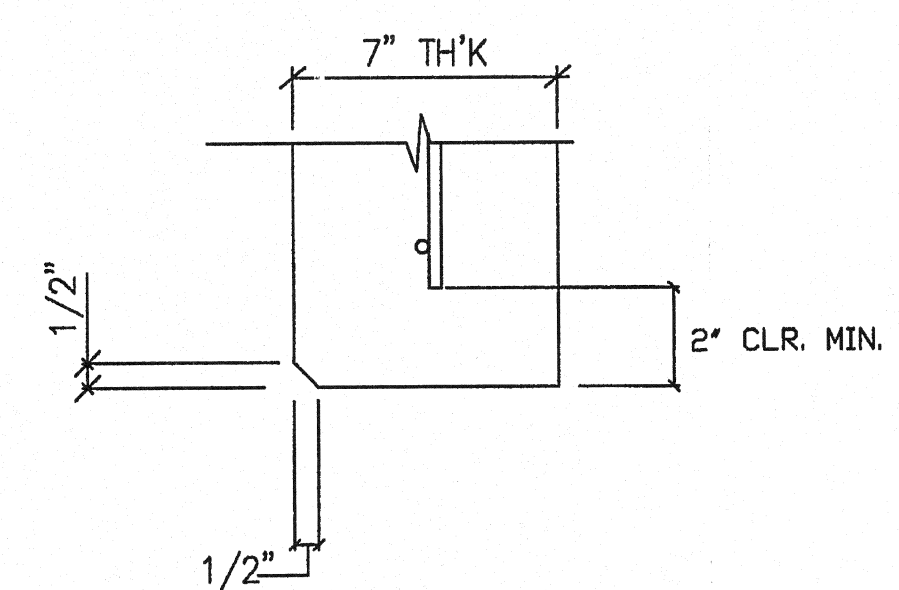
NOTE: CONCRETE COVER ON ALL REINFORCEMENT TO BE 2" MIN.



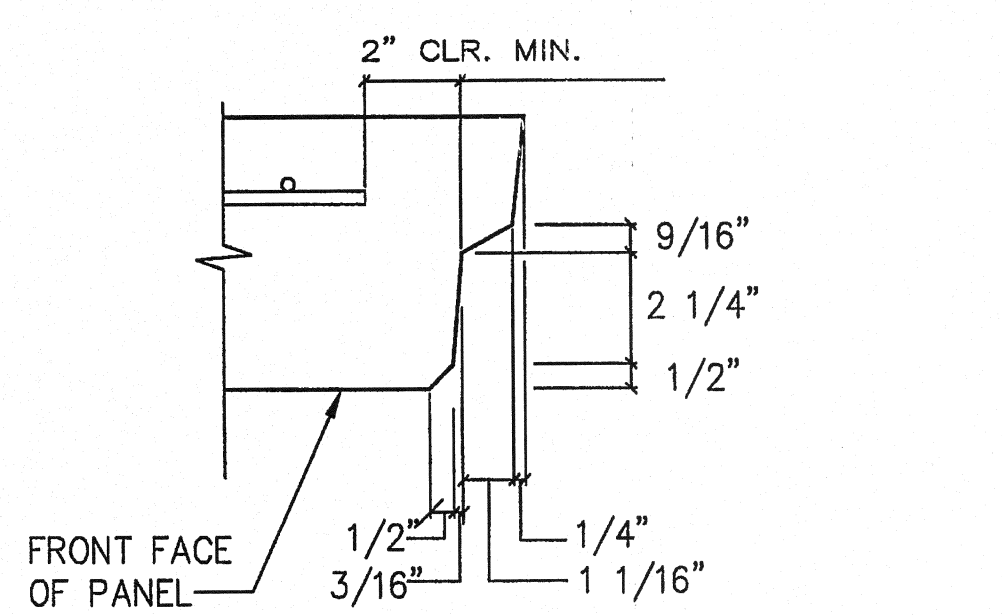
TYPICAL PANELS



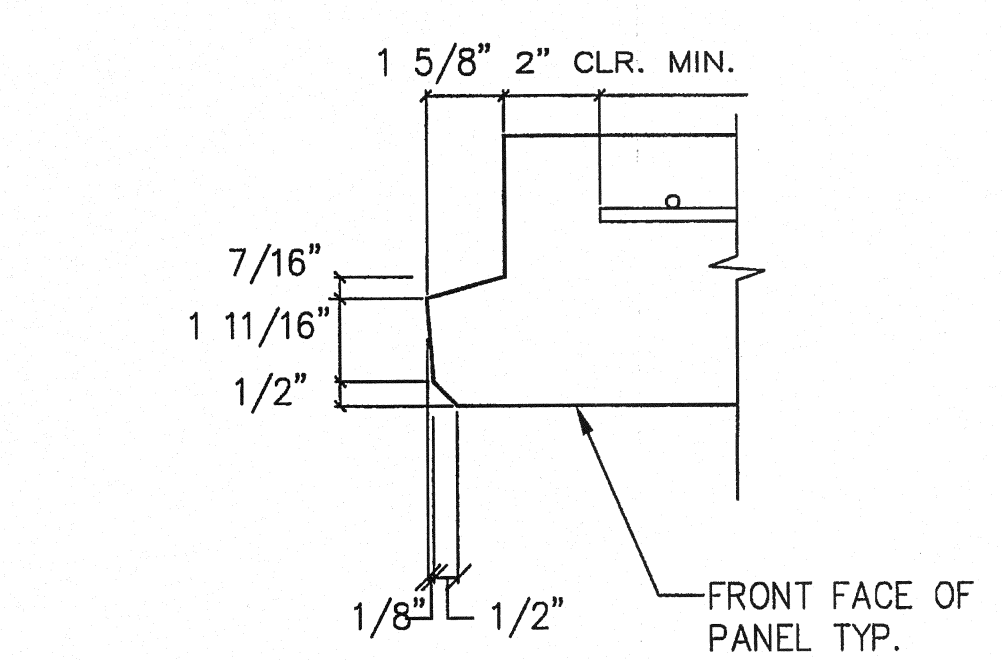
1 HORIZONTAL JOINT
SCALE 3"=1'-0"



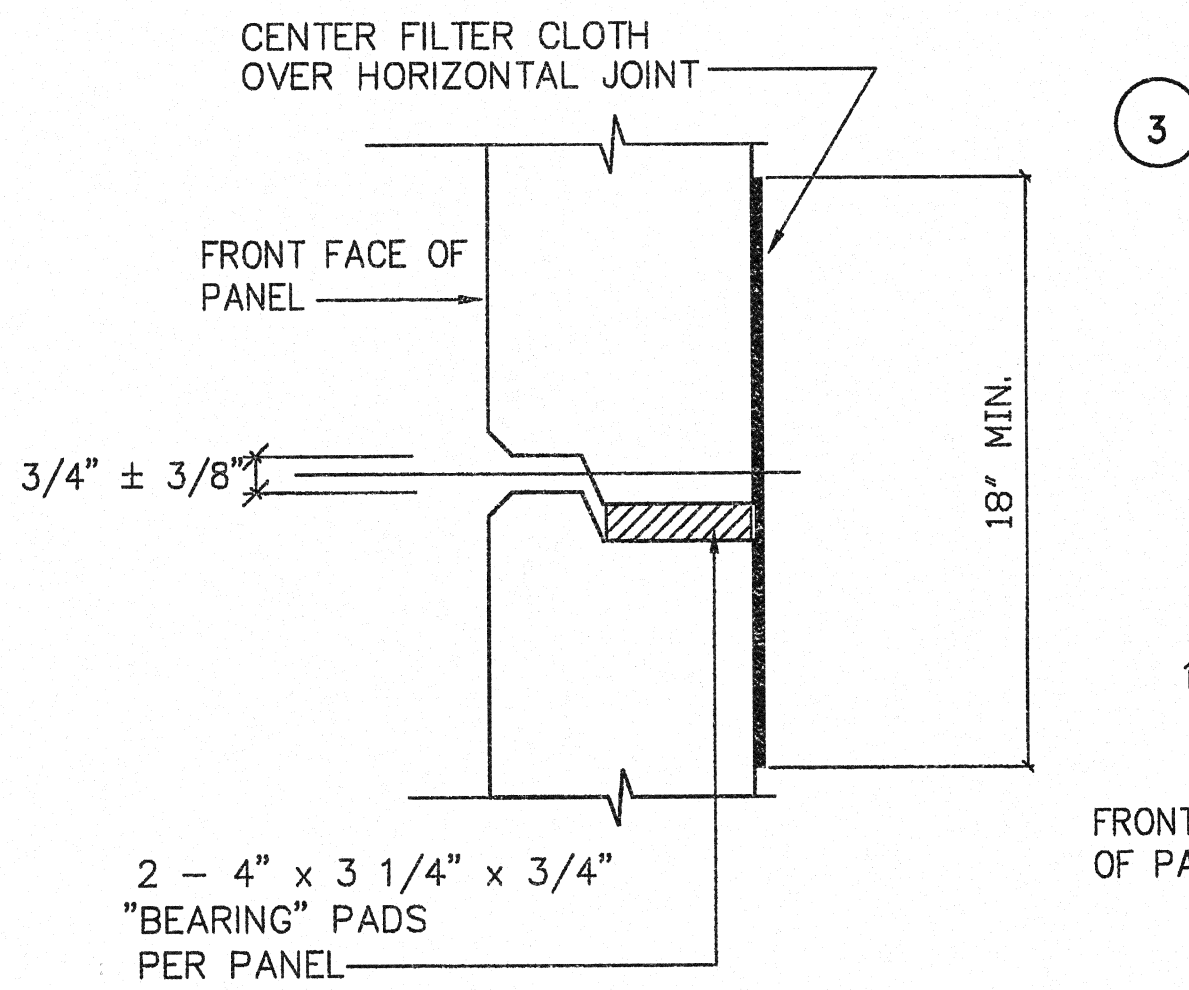
2 SECTION @ PANEL TOP
SCALE 3"=1'-0"



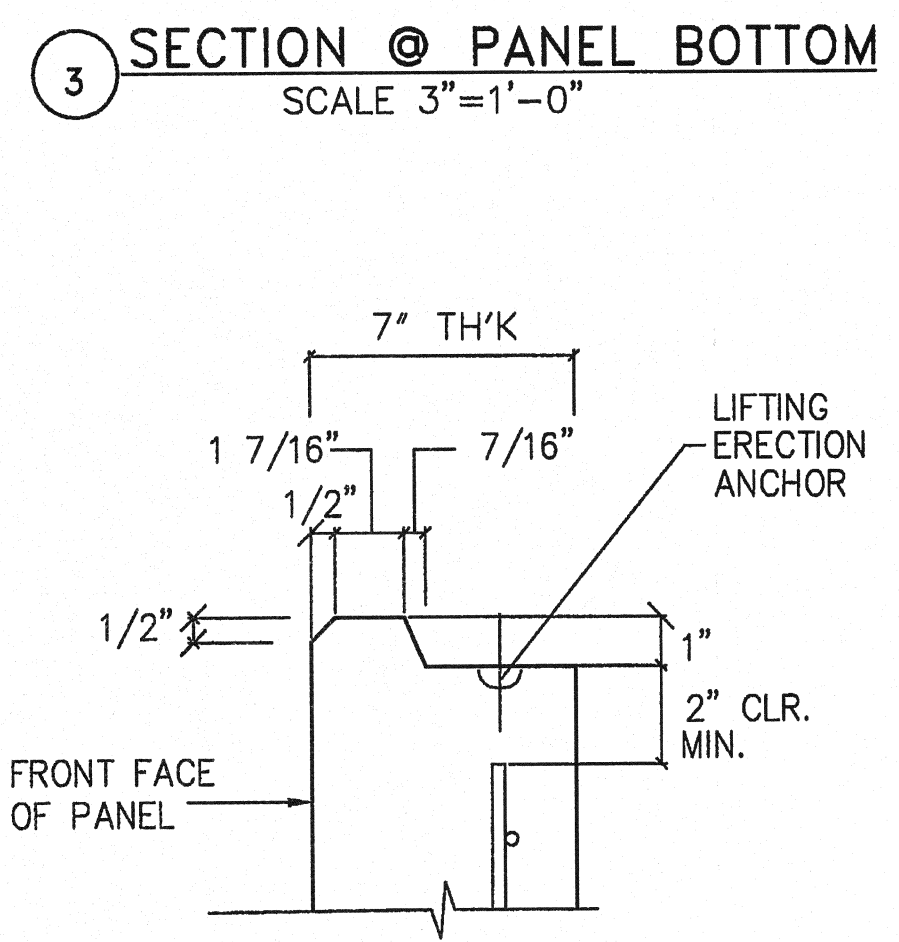
3 SECTION @ PANEL RIGHT SIDE
SCALE 3"=1'-0"



4 SECTION @ PANEL LEFT SIDE
SCALE 3"=1'-0"

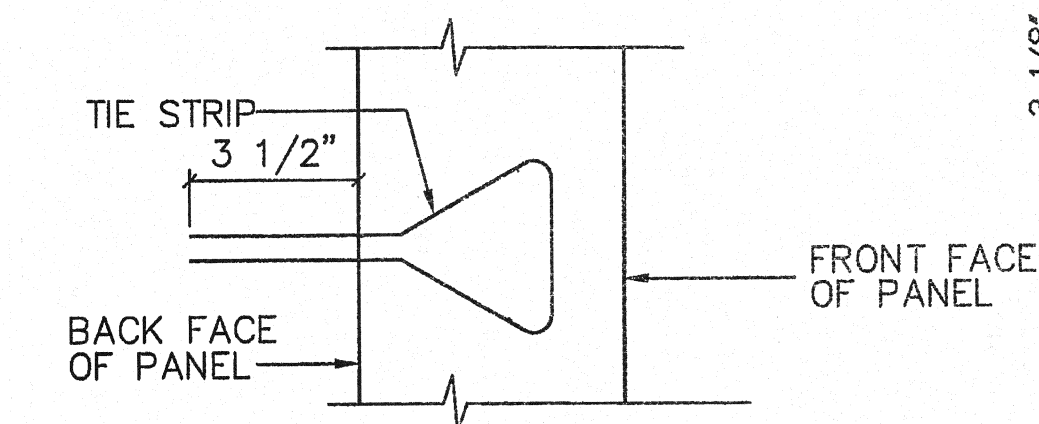


5 VERTICAL JOINT
SCALE 3"=1'-0"

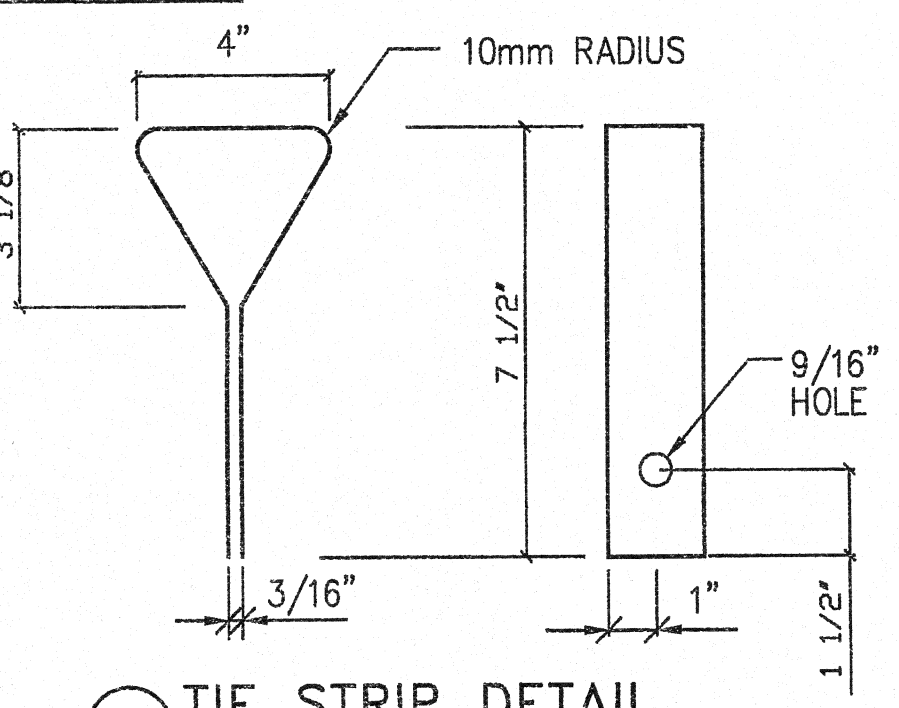


6 SECTION @ PANEL BOTTOM
SCALE 3"=1'-0"

- NOTES:
1. REINFORCEMENT SHOWN SHALL COMPLY TO THE ASTM A615, GRADE 60 STANDARDS. ALTERNATE REINFORCEMENT MAY BE DEFORMED WELDED WIRE FABRIC AS INDICATED IN THE TABLE BELOW, THIS FABRIC SHALL COMPLY TO ASTM A497. REBAR LAYOUT WILL BE DETAILED AND SHOWN ON PANEL SHOP DRAWINGS, IF WELDED FABRIC IS TO BE USED THE SIZE SHOULD BE DETERMINED BASED ON THE PANEL SHAPE AND REQUIRED MINIMUM EDGE DISTANCE.
 2. 1/2" x 1/2" CHAMFER SHALL BE PROVIDED ON ALL EXPOSED EDGES (FRONT FACE ONLY).
 3. ALL PANEL TYPES AND OTHER RELATED ELEMENTS WILL BE DETAILED ON SHOP DRAWINGS.
 4. ALL PANELS EXCEPT TYPES M, N, NII, NJJ, NI & NJ SHALL HAVE TWO BURKE 1-TON SPREAD ANCHORS. PANEL TYPES M, N, NII, NJJ, NI & NJ SHALL HAVE TWO BURKE 2-TON ERECTION HEAD ANCHORS WITH BOTH TENSION AND SHEAR BARS.
 5. PANEL DESIGN STRUCTURAL THICKNESS IS 7" MINIMUM, THIS THICKNESS MUST INCREASE TO ACCOMMODATE ANY ARCHITECTURAL SCULPTURED FINISH.
 6. ACTUAL LOCATION OF REBARS WILL BE ADJUSTED TO ACCOMMODATE PANEL CASTING.
 7. PANEL REINFORCEMENT SHALL BE PLACED WITH A MINIMUM 1 3/16" CLEARANCE FROM THE TIE STRIPS.



7 PARTIAL SECTION @ TIE STRIP
SCALE 3"=1'-0"



8 TIE STRIP DETAIL
SCALE 3"=1'-0"

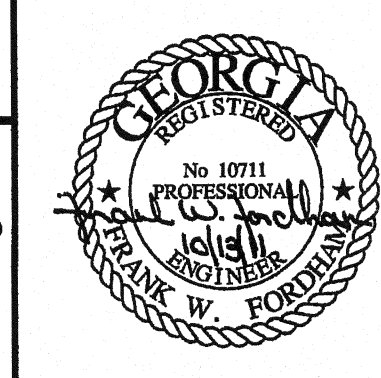
PANEL THICKNESS	REINFORCEMENT DESIGNATION	PANEL REINFORCEMENT (FOR PANEL TYPE "A")	MAXIMUM ALLOWABLE HORIZONTAL STRESS AT FACING (KSF)
7" (MIN.)	R4	6-#3 VERTICAL 5-#3 HORIZONTAL	1.20
		WIRE MESH ALTERNATIVE 8 x D8 VERTICAL 8 x D8 HORIZONTAL	
	R6	5-#4 VERTICAL 5-#4 HORIZONTAL	1.90
		WIRE MESH ALTERNATIVE 8 x D8 + 4#3 VERTICAL 8 x D8 + 4#3 HORIZONTAL	

DATE: NOV 07 2011

Approved in general. Details not checked. This approval shall not relieve the Contractor of any responsibility for conformity with the contract Plans and Specifications.

Georgia DOT
Office of Bridge Design
By: [Signature]

Certified with respect to the internal stability of Reinforced Earth structures only



GEORGIA
DEPARTMENT OF TRANSPORTATION
HIGHWAY DIVISION - BRIDGE DESIGN

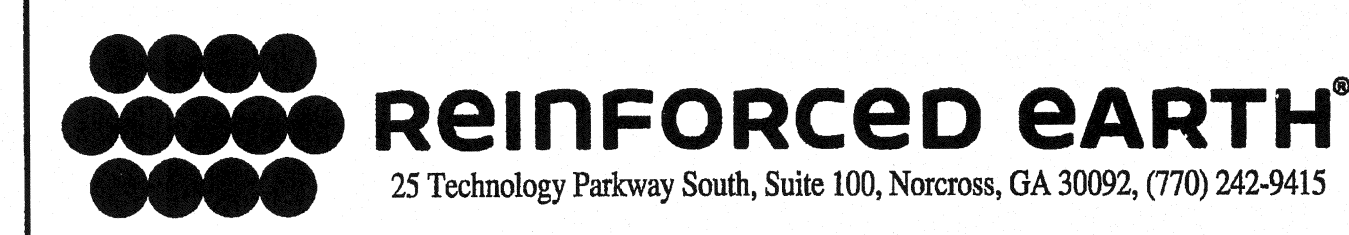
SR 3 OVER POTATO CREEK
UPSON COUNTY

REINFORCED EARTH RETAINING WALL

STANDARD PANEL DETAIL

This drawing contains information proprietary to The Reinforced Earth Company, and is being furnished for the use of THE GEORGIA DEPT. OF TRANSPORTATION only in connection with this project, and the information contained is not to be transmitted to any other organization unless specifically authorized in writing by The Reinforced Earth Company. The Reinforced Earth Company is exclusive licensee in the United States under patents issued to Henri Vidal, and the furnishing of this drawing does not constitute an expressed or implied license under the Vidal patents.

FINAL FOR CONSTRUCTION
OCTOBER 13, 2011



"REINFORCED EARTH" is the registered trademark of The Reinforced Earth Company.

WALL SHEET OF

DESIGNED Vg
DRAWN SLM
TRACED FW
CHECKED FW
REVIEWED FW
APPROVED FW